SEQUENCE LISTING

<110> Guida, Marco
      Hall, Jeff
      Petros, William
      Vredenburgh, James
      Colvin, Oliver
      Marks, Jeffrey

<120> Methods for Evaluating the Ability to Metabolize Pharmaceuticals and Comp ositions Therefor

<130>    4389-5-Cl

<150>    09/144,367
<151>    1998-08-31

<150>    60/271,630
<151>    2001-02-26

<160>    6

<170>    PatentIn version 3.0

<210>    1
<211>    18
<212>    DNA
<213>    Homo sapiens

<400>    1
gacaagggca ggacagag                                                        18


<210>    2
<211>    34
<212>    DNA
<213>    Homo sapiens
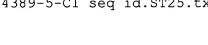
<400>    2
cgattctttg ctactggctg cagctgcagc cccg                                      34


<210>    3
<211>    1345
<212>    DNA
<213>    Homo sapiens

<400>    3
ctgcagtgac cactgcccca tcattgctgg ctgaggtggt tggggtccat ctggctatct      60

gggcagctgt tctcttctct cctttctctc ctgtttccag acatgcagta tttccagaga    120

gaaggggcca ctctttggca aagaacctgt ctaacttgct atctatggca ggacctttga    180

agggttcaca ggaagcagca caaattgata ctattccacc aagccatcag ctccatctca    240

tccatgccct gtctctcctt taggggtccc cttgccaaca gaatcacaga ggaccagcct    300

gaaagtgcag agacagcagc tgaggcacag ccaagagctc tggctgtatt aatgacctaa    360

```
gaagtcacca gaaagtcaga aggatgcata gcagaggccc agcaatctca gctaagtcaa      420

ctccaccagc ctttctagtt gcccactgtg tgtacagcac cctggtaggg accagagcca      480

tgacagggaa taagactaga ctatgccctt gaggagctca cctctgttca gggaaacagg      540

cgtggaaaca caatggtggt aaagaggaaa gaggacaata ggattgcatg aaggggatgg      600

aaagtgccca ggggaggaaa tggttacatc tgtgtgagga gtttggtgag gaaagactct      660

aagagaaggc tctgtctgtc tgggtttgga aggatgtgta ggagtcttct aggggcaca      720

ggcacactcc aggcataggt aaagatctgt aggtgtggct tgttgggatg aatttcaagt      780

attttggaat gaggacagcc atagagacaa gggcargaga gaggcgattt aatagatttt      840

atgccaatgg ctccacttga gtttctgata agaacccaga acccttggac tccccagtaa      900

cattgattga gttgtttatg atacctcata gaatatgaac tcaaaggagg tcagtgagtg      960

gtgtgtgtgt gattctttgc caacttccaa ggtggagaag cctcttccaa ctgcaggcag     1020

agcacaggtg gccctgctac tggctgcagc tccagccctg cctccttctc tagcatataa     1080

acaatccaac agcctcactg aatcactgct gtgcagggca ggaaagctcc atgcacatag     1140

cccagcaaag agcaacacag agctgaaagg aagactcaga ggagagagat aagtaaggaa     1200

agtagtgatg gctctcatcc cagacttggc catggaaacc tggcttctcc tggctgtcag     1260

cctggtgctc ctctatctgt gagtaactgt tcaggctcct cttctctgtt tcttggactt     1320

ggggtcgtaa tcaggcctct ctttt                                          1345
```

```
<210>  4
<211>  1254
<212>  DNA
<213>  Homo sapiens

<400>  4
ggcacacaaa gagacattgc atgttctcac ttatttgtgg gatctacaaa tcaaaacaat       60

tgagctaatg tctgggtctt agtcatttt gtaccctaag tacagggagc acagccatta      120

gaatacatga tgaatgcttt aatacaggaa tgaataggtg agaggcacag ggtggttggg      180

tgttcttctg atacatagta tcttccttga cacattcagt acaactctca acaggtaagt      240

ctcttcatgt atgttacctt ctgaggaatt aagtggcaga acatgccttc tattattttc      300

ctttgcagaa caagaccaat tgcattagtt gggaaacagt gctggctgca tctgagcccc      360

aagcaaccat tagtctattg ctatcaccac agactcagag gggatgacac acaggggccc      420

agcaatctca cccaagtcaa ctccaccaac atttctggtc acccaccatg tgtacagtac      480

cctgctaggg tccagggtca tgaaagtaaa taataccaga ctgtgccctt gaggaactca      540
```

```
cctctgctaa gggaaacagg cacagaaacc cacaagggtg gtagagagga aataggacaa      600

taggactgtg tgagggggat aggaggcacc cagaggagga aatggttaca tctgtgtgag      660

gaggttggta aggaaagact ttaatagaag gggtctgtct ggctgggctt gcaaggatgt      720

gtaggagtca tctaggggggc acaagtacac tccaggcaga gggaattgca tgggtaaaga      780

tctgcagttg tggcttgtgg ggatggattt caagtattct ggaatgaaga cagccatgga      840

aacaagggca ggtgagagga tatttaagag gcttcatgcc aatggctcca cttcagtttc      900

tgataagaac tcaggttccg tggactccct gataaaactg attaagttgt ttatgattcc      960

ccatagaata tgaactcaaa ggaggtaagc aaaggggtgt gtgcgattct ttgctactgg     1020

ctgcagctgc agccccacct ccttctccag cacataaaca tttcagcagc ttgacctaag     1080

actgctgtgc agggcaggga tgctccaggc agacagccca gcaaacaaca gcacacagct     1140

gaaagtaaga ctcagaggag acagttgaag aaggcaagtg gcgatggacc tcatcccaaa     1200

tttggcggtg gaaacctggc ttctcctggc tgtcagcctg gtgctcctct atct          1254
```

```
<210>    5
<211>    18
<212>    DNA
<213>    Homo sapiens

<400>    5
gacaagggca agagagag                                                       18


<210>    6
<211>    34
<212>    DNA
<213>    Homo sapiens

<400>    6
cgattctttg ctactggctg cagctgcagc ccca                                     34
```